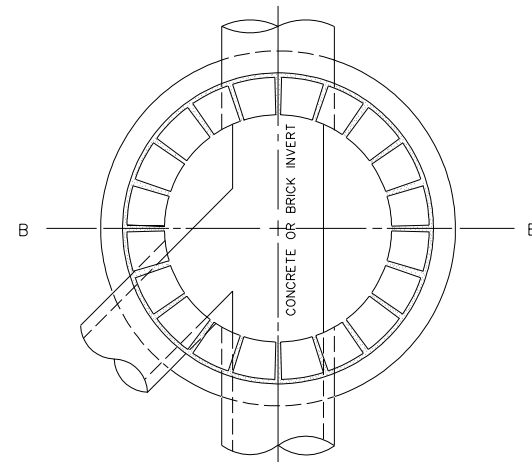
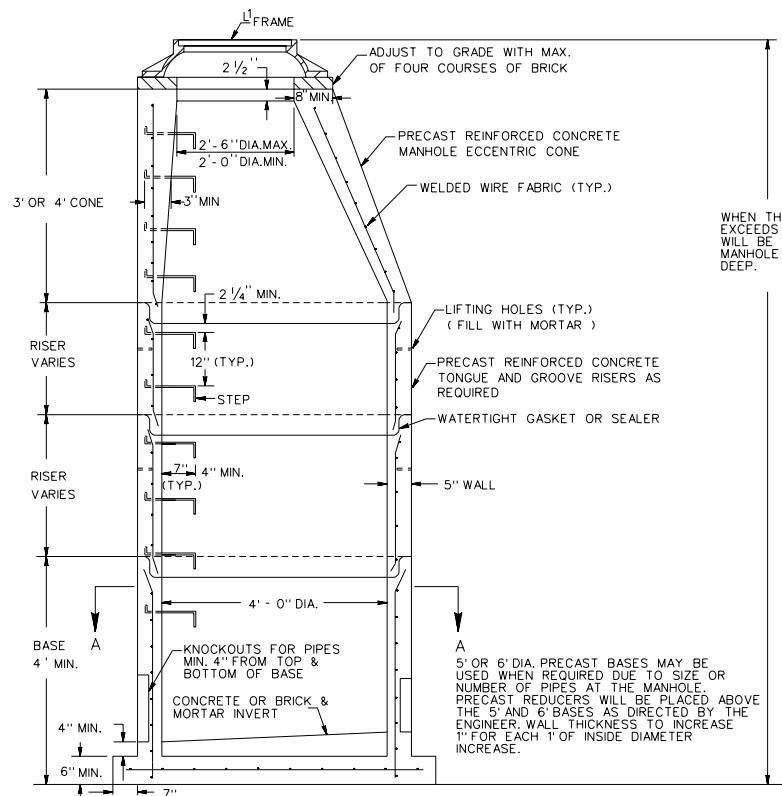


CROSS SECTION A-A



CROSS SECTION B-B

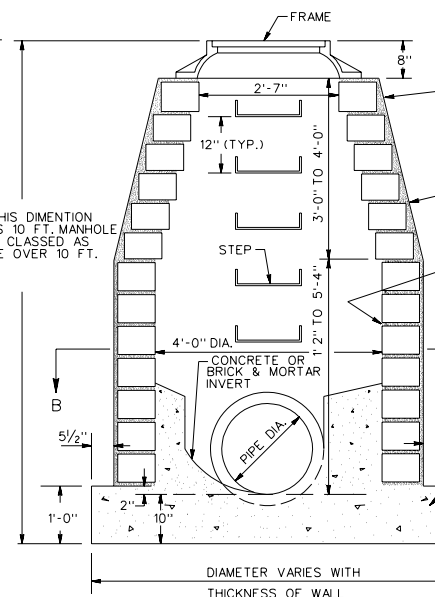


VERTICAL SECTION

MANHOLE

REINFORCED PRECAST CONCRETE UNITS

WHEN THIS DIMENTION EXCEEDS 10 FT. MANHOLE WILL BE CLASSED AS MANHOLE OVER 10 FT. DEEP.



VERTICAL SECTION

MANHOLE

MASONRY CONCRETE UNITS OR CLASS "A" CONCRETE

WALL SHALL BE A MIN. OF 6" WITH MASONRY CONCRETE UNITS AND CLASS "A" CONCRETE
WALL SHALL BE 12" THICK WHEN DEPTH OF MANHOLE IS GREATER THAN 10' DEEP

MASONRY WALLS ARE TO BE PLASTERED OUTSIDE WITH 1:2 CEMENT MORTAR 1/2" THICK. MASONRY MUST BE WET WHEN MORTAR IS APPLIED.

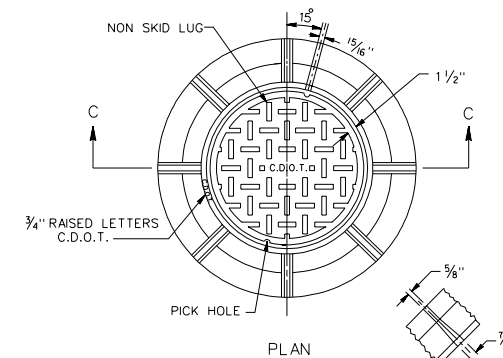
ALL JOINTS ARE TO BE POINTED FLUSH AND FULL

WALLS SHALL BE BUILT OF MASONRY CONCRETE UNITS OR CLASS "A" CONCRETE AT THE OPTION OF THE CONTRACTOR.

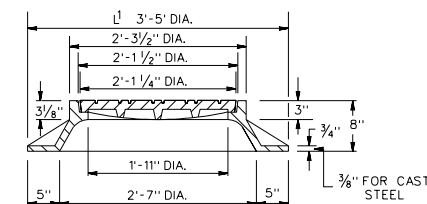
MASONRY CONCRETE UNITS TO BE LAID IN CEMENT SAND MORTAR 1:2 MIX. JOINTS TO BE NOT OVER 1/2" ON INSIDE FACE

NOTE:

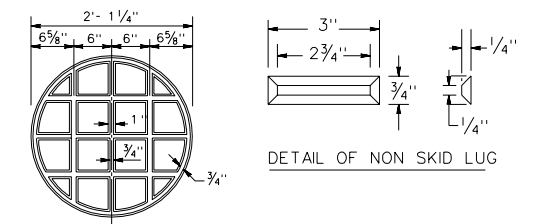
CHANNELS MAY BE SHAPED IN CONCRETE BASE OF MANHOLE OR FORMED OF BRICK OR MASONRY.



PLAN

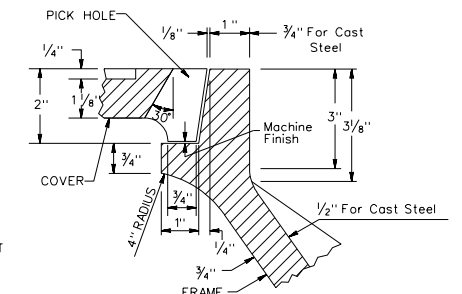


SECTION C-C



DETAIL OF NON SKID LUG

UNDERSIDE OF COVER



DETAIL OF SEAT

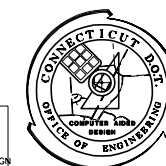
FRAME & COVER

MATERIAL	CAST IRON	CAST STEEL
APPROXIMATE WEIGHT OF COVER	184 LB.	134 LB.
APPROXIMATE WEIGHT OF FRAME	312 LB.	227 LB.

ALL DIMENSIONS SUBJECT TO MANUFACTURING TOLERANCES

IF A FRAME DIAMETER OF 3'-3" WITH 4" FLANGE MUST BE USED WHEN THE TOP DIAMETER OF THE PRECAST CONE IS LESS THAN 3'-6". ALL OTHER FRAME DIMENSIONS ARE TO REMAIN THE SAME

MANHOLE, FRAME & COVER



MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE PERFORMED ON
Cadd File: QSA2(200,200)507A.DGN

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9-10-90